

ABSTRACT OF DISCLOSURE

A projection system includes first and second light sources, separated by a predetermined distance from each other and radiating a single white light in parallel and in the same direction, first and second spiral lens discs including cylindrical lens cells separating the single white light incident from the first and second light sources into a multi white light by converting a rotational motion of the cylindrical lens cells into a rectilinear movement, and first and second spectroscopes separating the multi white light incident from the first and second spiral lens discs into color light beams having different wavelength bands. First and second light valves modulate the color light beams incident from the first and second spectroscopes according to an image signal to form an image. First and second projection lenses project the color light beams modulated by the first and second light valves onto a screen to display the image.